1 **IN THE CLAIMS:**

2 Listing of Claims:

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4   Claims 1 - 4 (Cancel).

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6   5.   (Original) A method of validating information comprising data in a design

7   document in a relational database, comprising:

8   storing a table named Past containing the most recent design document sent to

9 the relational database;

10   storing a table named Data to Use containing validated or corrected data to be

11 used in manufacturing based on the design document;

12   initializing the table Past and the table Data to Use by setting the data contained

13 to null values;

14   receiving a table New Version of the design document;

15   comparing the table New Version to the table Past to detect any change, wherein

16 the data contained in the table New Version does not match the data in the table Past;

17   setting the table Past to the table New Version;

18   validating and correcting the data in the table New Version based on changing

19 the data to correspond to a dictionary of correct data; and

20   setting the table Data to Use to a table Validated/Corrected New Version .

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22   6.   (New) The method of claim 5, wherein the table Past, the table New

23 Version and the table Data to Use is either a bill of materials or an approved

24 manufacturing list.

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26   7.   (New) The method of claim 5, further comprising the step of filtering the

27 table New Version for relevant information before comparing the table New version to

28 the table Past.

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30   8.   (New) The method of claim 7, further comprising the step of adding new

    data for filtering the table New Version.

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2   9.   (New) The method of claim 5, further comprising updating the dictionary

3 with a new release before correcting and validating the table Data to Use.

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5   10.   (New) The method of claim 9, further comprising the step of filtering the

6 new release before updating the dictionary with the new release.

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8   11.   (New) The method of claim 10, further comprising the step of adding data

9 to the new release before filtering the new release of the dictionary.

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11   12.   (New) The method of claim 10, further comprising the step of using new

12 data to filter the new release before updating the dictionary with the new release.

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14   13.   (New) A computer-implemented system to validate data in a design

15 document transmitted over a computer network from a design organization to a contract

16 manufacturer for manufacturing a product, comprising:

17   a software program instructing a computer to perform the steps of:

18   storing a past version of the design document;

19   receiving and storing a new version of the design document;

20   storing a dictionary;

21   comparing the new version to the past version of the design document to

22 detect a change in the data; and

23   if there is a change in the data, performing the steps of setting the past

24 version to the new version of the design document, and using the dictionary to correct

25 and validate the data that has changed between the past and new version resulting in a

26 design document with data to use for the contract manufacturer to manufacture the

27 product.

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29   14.   (New) The computer-implemented system of claim 13, wherein storing the

30 past version of the design document, the new version of the design document, and the

    design document with data to use occurs in tables in a database.

15. (New) The computer-implemented system of claim 13, wherein the past version, the new version, and the design document with data to use are a bill of materials or an approved manufacturing list.

16. (New) The computer-implemented system of claim 13, further comprising filtering the new version of the design document for relevant information before comparing the new version to the past version of the design document.

17. (New) The computer-implemented system of claim 16, further comprising adding new data before filtering the new version of the design document.

18. (New) The computer-implemented system of claim 13, further comprising updating the dictionary with a new release of the dictionary before correcting and validating the data for the design document with data to use.

19. (New) The computer-implemented system of claim 18, further comprising filtering the new release of the dictionary before updating the dictionary with the new release.

20. (New) The computer-implemented system of claim 18, further comprising adding data to the new release before filtering the new release of the dictionary.

21. (New) The computer-implemented system of claim 13, further comprising initializing all of the data in the past version of the design document to signal that the new version of the design document contains the data to be corrected and validated.

22. (New) The computer-implemented system of claim 18, further comprising adding a new data for filtering the new release of the dictionary before updating the dictionary with the new release of the dictionary.